

Message Text

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PAGE 01 STATE 184597
ORIGIN OES-07

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DRAFTED BY OES/APT/SEP:ASHELDON:DBU
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NSF/PHY:MBARDON
EUR/SOV:RWINDSOR
NSF/INT:APARDEE (INFO)
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-----010583 061154Z /50

P 060203Z AUG 77
FM SECSTATE WASHDC
TO AMEMBASSY MOSCOW PRIORITY

UNCLAS STATE 184597

E.O. 11652: N/A

TAGS: TGEN, US, UR

SUBJECT: US-USSR S&T AGREEMENT: PHYSICS (01.08)

REF: STATE 181945

1. IN FOLLOW-UP OF PARA FIVE REFLET, PLEASE TRANSMIT
FOLLOWING MORRIS LETTER TO ISHCENKO, WITH COPY TO
ANISIMOV. WOULD APPRECIATE CONFIRMATION THAT AUGUST 22
IS ACCEPTABLE DATE FOR MEETING OF JOINT WORKING GROUP
WHICH WOULD INCLUDE FROM US SIDE, PINES AND BJORKEN.
BJORKEN, WHO WILL DEPART US AUGUST 13 FOR ONE-DAY VISIT
TO ISTANBUL PRIOR TO ATTENDANCE AT CONFERENCE IN PLOVDIV,
BULGARIA, WOULD PLAN TO ARRIVE MOSCOW FROM BULGARIA
AUGUST 20 AND DEPART AUGUST 23. WOULD APPRECIATE EMBASSY
ASSISTANCE IN AUTHORIZATION OF HIS VISA THROUGH SOVIET
CONSULATE SAN FRANCISCO.

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2. 01.08 - AUGUST 4, 1977

MR. V. Y. ISHCENKO
USA SECTION
STATE COMMITTEE ON
-- SCIENCE AND TECHNOLOGY

MOSCOW

DEAR MR. ISHCENKO:

IN MY LETTER OF AUGUST 2 REGARDING A POSSIBLE MEETING IN MOSCOW ON AUGUST 22 OF THE JOINT WORKING GROUP ON PHYSICS, I MENTIONED THAT DR. BJORKEN WOULD BE PROVIDING FURTHER DETAILS ON A PROPOSED EIGHT WEEK RESEARCH GROUP MEETING IN ASPEN IN THE SUMMER OF 1978 IN THEORETICAL PARTICLE PHYSICS. DR. BJORKEN SUGGESTS THE FOLLOWING TOPICS FOR DISCUSSION ON AUGUST 22.

QUANTUM COLOR AND FLAVOR DYNAMICS AND PROPOSALS FOR UNIFIED GAUGE THEORIES SUBHEADED AS FOLLOWS:

A. ATTEMPTS AT SOLUTION OF QUANTUM CHROMODYNAMICS,
-- INCLUDING SEMI-CLASSICAL METHODS AND COMPARISON WITH
-- EXPERIMENT.

B. EFFORTS TO CONSTRUCT UNIFIED GAUGE THEORIES OF WEAK AND
-- ELECTRO-MAGNETIC INTERACTIONS INCLUDING EXPERIMENTAL
-- CONSEQUENCES.

C. EXTENDED SUPERGRAVITY AND OTHER PROPOSALS FOR FURTHER
-- UNIFICATION OF FORCES IN GAUGE THEORIES.

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AS WAS THE CASE FOR THE 1977 ASPEN RESEARCH SEMINAR, IT IS PROPOSED THAT THREE SOVIET EXPERIMENTALISTS AND NINE SOVIET THEORISTS WORKING ON THE ABOVE PROBLEMS BE INVITED TO PARTICIPATE TOGETHER WITH A COMPARABLE NUMBER OF AMERICANS IN THE WORK OF THE GROUP. IT IS FURTHER PROPOSED THAT DURING THE AUGUST 22 DISCUSSIONS A PRE-LIMINARY LIST OF US AND SOVIET PARTICIPANTS WOULD BE MUTUALLY AGREED UPON BETWEEN US AND SOVIET SCIENTISTS WHO WILL TAKE A LEADING ROLE OF THE WORK IN THIS GROUP.

SINCERELY,

ROBERT G. MORRIS
ACTING EXECUTIVE SECRETARY

CC: DR. ANISIMOV CHRISTOPHER

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NNN

Message Attributes

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